

FL

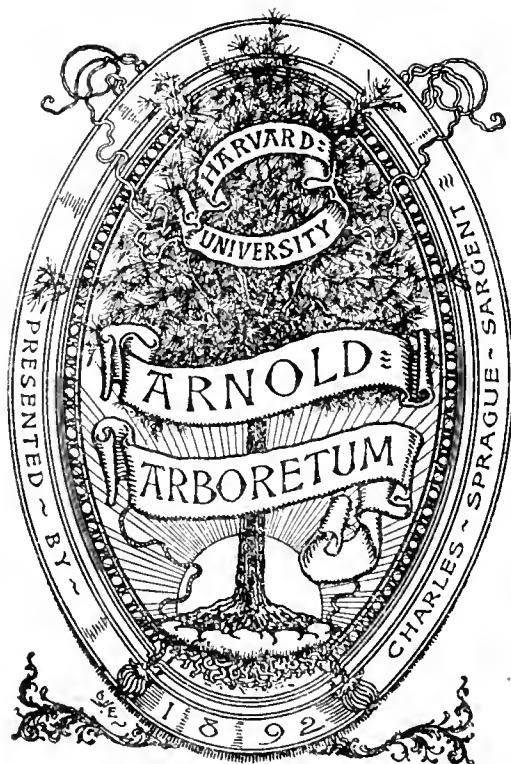
72.99

M73

M78

3 2044 106 349 152

La 72,99
M75



A LIST OF PLANTS

COLLECTED IN BERMUDA IN 1905

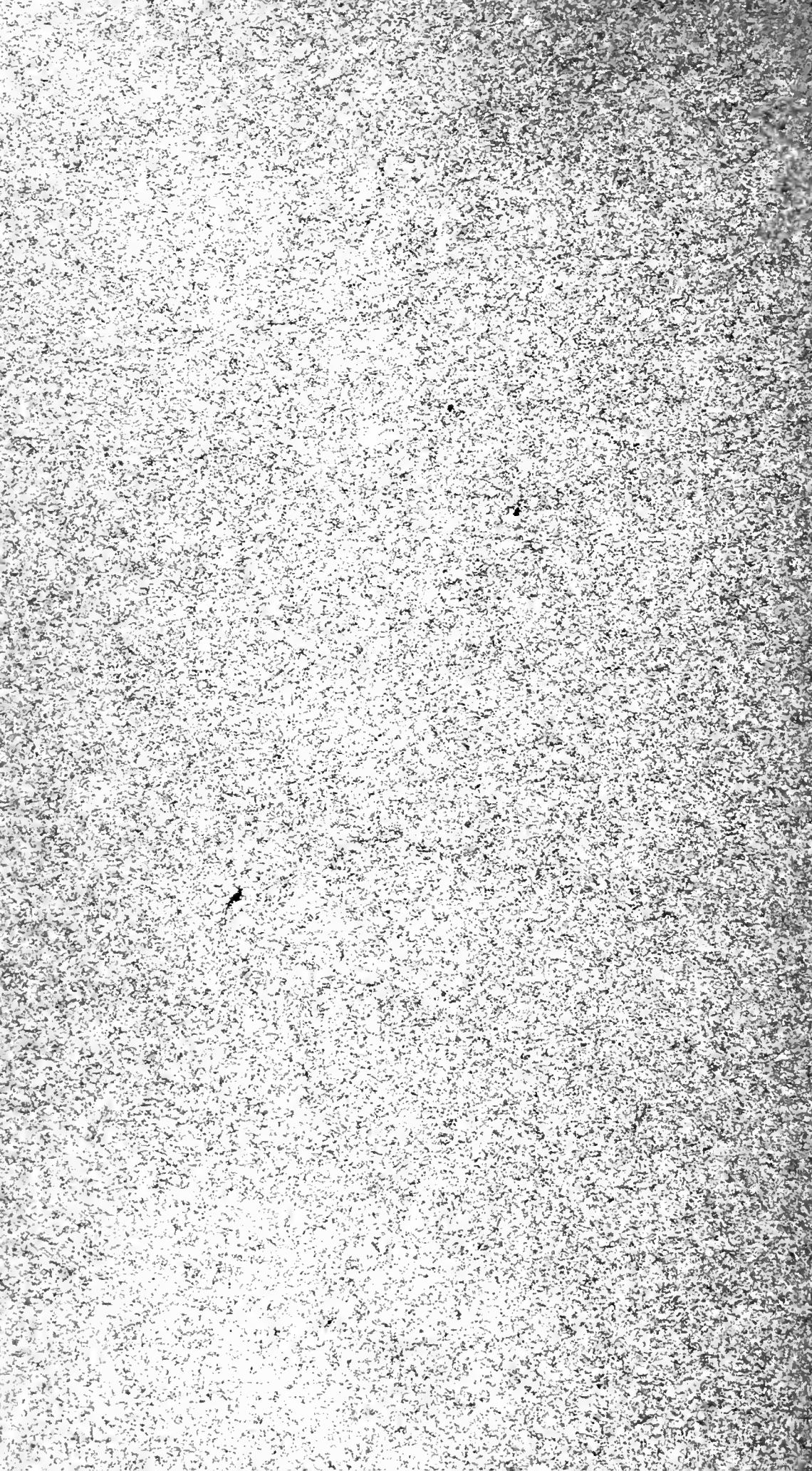
BY

ALBERT HANFORD MOORE

INCLUDING A DESCRIPTION OF TWO NEW SPECIES

CAMBRIDGE, MASSACHUSETTS

Issued March 12, 1906



A LIST OF PLANTS

COLLECTED IN BERMUDA IN 1905

BY

ALBERT HANFORD MOORE

INCLUDING A DESCRIPTION OF TWO NEW SPECIES

CAMBRIDGE, MASSACHUSETTS

Issued March 12, 1906

INTRODUCTORY NOTE.

The following list of plants is the result of collections made by the author in the British Colony of Bermuda in July and the first week of August, 1905.

The peculiar interest presented by the flora of the islands composing this colony lies in the fact that there is but a comparatively limited number of endemic species, and that the flora is consequently made up almost entirely of plants derived from elsewhere, either by the agency of man or without it; mainly from the West Indies, but also from North and South America and even from Asia and Africa. The plants from the last two continents are, however, of the most transient character, and probably in all cases escapes from cultivation. *Zantedeschia aethiopica* (L.) *Spreng.*, though only three or four specimens were observed, had, curiously enough, made itself quite at home in a marsh comparatively remote from habitation, and was fruiting freely. As in other such regions, every stage in the naturalization of plants is to be noted, from the mere garden escapes such as *Zebrina pendula* *Schnitzl* and *Tropaeolum majus* L., never growing far from a garden site, to such well established plants as *Conocarpus erectus* L. and *Coffea arabica* L. The former of these grows everywhere among the rocks of the seashore, while the latter occupies a limited tract in the Walsingham District, in a deep bowl-shaped depression where are the entrances to the remarkable Walsingham Caves. Here it forms the principal vegetation, and covers the ground with its seedlings to the almost complete exclusion of herbaceous vegetation. That such plants as these are not native could only be known from the records. Intermediate between these cases are such plants as the *Zantedeschia*, above mentioned, which, although scarce and obviously introduced, yet seem to be at least temporarily established. Then come the weeds, which are rampant everywhere along the roadsides and in the gardens. Among the most conspicuous of these are *Ammi majus* L., *Foeniculum vulgare* Mill., and *Erigeron linifolius* Willd. Finally, there are truly native plants such as *Asplenium muticum* Gilb., *Typha domingensis* Pers., *Piaropus crassipes* (Mart.) Raf., *Euphorbia buxifolia* Lam., *Proserpinaca palustris* L., and the like. .

The question what plants are native and what are not is fully discussed by Sir W. Botting Hemsley, A. L. S.,* and need therefore not be entered into here.

Besides two new species, the additions to Hemsley's list are mostly introduced weeds or garden escapes, and therefore of very trivial importance. But since in the earlier lists a considerable number of species are recorded on the basis of reports — some of them many years old — or of scanty material, and, especially, since the flora of Bermuda is inadequately represented in American herbaria, it has seemed best to put on record all the species collected.

The specimens upon which this list has been based have been determined (except in a very few cases otherwise indicated) by comparison with specimens at the Gray Herbarium of Harvard University, Cambridge, Massachusetts. The names have been made to accord with the rules of nomenclature adopted by the International Congress at Vienna in July, 1905. The author wishes to express his appreciation of the courtesy extended to him by the staff of the Gray Herbarium and its librarian in the use of its specimens and library in the preparation of this pamphlet.

The numbers following the names in the list and enclosed in brackets are the author's collection numbers, the complete set being in his herbarium. An asterisk precedes those names which are not recorded from Bermuda in Hemsley's list. In instances where the first name cited is not the one given in that list, the abbreviation "H. L." follows the name which is there used. This abbreviation is also employed in other cases in which the same work is referred to. The synonymy does not aim at completeness, but is in the main a selection of such synonyms as seemed to be significant in connection with the nomenclature; full citations are given only when it has been found necessary to displace the name in current use, which has not often been the case, and in two other instances in which it seemed desirable to give them; no new combinations were required.

The pamphlet contains three reproductions from original photographs.

ALBERT HANFORD MOORE.
Cambridge, Massachusetts. 1906.

* In a list contained in the *Report on the Scientific Results of the Voyage of H. M. S. Challenger during the years 1873-76. . . . Botany, Vol. i*, under the title *Report on the Botany of the Bermudas and various other Islands of the Atlantic and Southern Oceans*.

LIST.

POLYPODIACEÆ.

ACROSTICHUM AUREUM L. [3156]
ADIANTUM BELLUM Moore. [3119]
ASPLENIUM DENTATUM L. [3105]
*ASPLENIUM MUTICUM Gilb. [2981, 3102]
NEPHRODIUM PATENS (Sw.) Desv. [2016, 2017]
 Polypodium patens Sw.
 Aspidium patens Sw.
NEPHRODIUM VILLOSUM (L.) Presl. [2993]
 Polypodium villosum L.
 Aspidium villosum (L.) Sw.
NEPHROLEPIS EXALTATA (L.) Schott. [2979]
 Polypodium exaltatum L.
 Aspidium exaltatum (L.) Sw.
POLYPODIUM ELASTICUM Rich. [3118a, 3129]
PTERIS AQUILINA L. var. CAUDATA (L.) Hook. [2020]
 Pteris caudata L.
 Pteridium caudatum (L.) Max.
*PTERIS LONGIFOLIA L. [2991]
WOODWARDIA VIRGINICA (L.) Sm. [2018, 2998]
 Blechnum virginicum L.
 Doodia virginica (L.) Presl.
 Anchistea virginica (L.) Presl.

OSMUNDACEÆ.

OSMUNDA REGALIS L. [2019]

PINACEÆ.

JUNIPERUS BERMUDIANA L., with larger fruit, leaves, and branchlets than its near relative *J. barbadense* L. in the other West Indies. [2846, 3068]

TYPHACEÆ.

TYPHA DOMINGENSIS Pers. *Syn. Pl. ii*, 532 (1807). [2970, 2971]

T. angustifolia L. *β. domingensis* (Pers.) Griseb. *Fl. Brit. W. Ind. Isl.* 1512 (1864) (Pers. according to H. L.).

POTAMOGETONACEÆ.

RUPPIA MARITIMA L. [2847]

GRAMINEÆ.

***AVENA SATIVA** L. [2953]

***CENCHRUS ECHINATUS** L. [2951]

CENCHRUS TRIBULOIDES L. [3073]

***CHÆTOCHLOA VIRIDIS** (L.) Scribn. *U. S. Dept. Agr., Div. Agrost. Bull. iv*, 39 (1897). [2856, 2888, 3040]

Panicum viride L. *Sp. Pl. ed. II*, 83 (1762).

Setaria viridis (L.) Beauv. *Essai d'une Nouv. Agrost. ou Nouv. Genres Gram.* 53 (1812).

Ixophorus viridis (L.) Nash *Bull. Torr. Bot. Club xxii*, 423 (1895).

Chamæraphis viridis (L.) Port. *ibid.*

CHLORIS PETRÆA Sw. (*Thunb.* according to H. L.). [2912]

CYNODON DACTYLON (L.) Pers. [2913, 2936]

Panicum Dactylon L.

Capriola Dactylon (L.) O. Ktze.

***ELEUSINE INDICA** (L.) Gærtn. [2873]

Cynosurus indicus L.

***ELYMUS VIRGINICUS** L. [3041]

OPLISMENUS UNDULATIFOLIUS (Ard.) Beauv. *Essai d'une Nouv. Agrost. ou Nouv. Genres Gram.* 53 (1812). [3089, 026]

Panicum undulatifolium Ard. *Veron. Hort. Publ. Pat. Cust. Animadv. Bot. Spee. Alter.* (1764) (*Paniculum* err. typ. for *Panicum*).

Panicum setarinum Lam. *Illustr. Genres i*, 170 (1791).

Oplismenus setarius (Lam.) R. and S. *Syst. Veg. ii*, 481 (1817) (H. L.).

Orthopogon setarius (Lam.) Spreng. L.—Spreng. Syst.

Veg. i, 306 (1825).

Orthopogon undulatifolius (Ard.) Spreng. l. e.

***PANICUM COLONUM** L. [3174]

***PANICUM CRUS-GALLI** L. [3001]

PANICUM MAXIMUM Jaeq. [2850, 3136]

***PANICUM SANGUINALE** L. [2906, 2977]

***PASPALUM CONJUGATUM** Berg. [3126]

Panicum conjugatum (Berg) Roxb.

PASPALUM DISTICHIUM L. [3166]

Some of the Paniea and Paspala in H. L. may be misdeterminations on the part of local botanists for some of the above.

***PHLEUM PRATENSE** L. [2958, 3040]

POLYPOGON MONSPELIENSIS (L.) Desf. [2915]

Alopecurus monspeliensis L.

***SPARTINA CYNOSUROIDES** (L.) Willd. [3175]

Dactylis cynosuroides L.

SPOROBOLUS INDICUS (L.) R. Br. [2879]

Agrostis indica L.

Vilfa indica (L.) Trin.

STENOTAPHRUM DIMIDIATUM (L.) Brogn. in Duperry Voy. autour du Monde de la Coq. ii, 127 (1829). [2868]

Panicum dimidiatum L. Sp. Pl. 57 (1753).

Rottbolla dimidiata (L.) Lam. Illustr. Genres i, 205 (1791).

Stenotaphrum glabrum Trin. Fund. Agrost. 176 (1820).

This is the Stenotaphrum americanum Schrk. of H. L.

CYPERACEÆ.

CLADIUM EFFUSUM (Sw.) Torr. [3157]

Schœnus effusus Sw.

Cladium Mariscus R. Br., which is reported in H. L., is probably this species. No. 3005 is apparently a too immature though habitually finely developed specimen. Especially in respect to its achenes it looks a little different, but probably is not.

***CYPERUS BRUNNEUS** Sw. [3078]

***CYPERUS ESCULENTUS** L. [3120]

DICHROMENA COLORATA (L.) A. S. Hitchc. 4th Rept. Mo. Bot. Gard. 141 (1893). [3009]

Schœnus coloratus L. Sp. Pl. 43 (1753).

Dichromena leucocephala Michx. Fl. Bor. Am. i, 37 (1803) (H. L.).

ELEOCHARIS CAPITATA (L.) R. Br. [3164]

Scirpus capitatus L.

*ELEOCHARIS INTERSTINCTA (Vahl) R. and S. Syst. Veg. ii, 149 (1817). [3010]

Scirpus interstinctus Vahl Enum. Pl. ii, 251 (1806).

Scirpus equisetoides Ell. Bot. S. C. and Ga. i, 78 (1816).

Eleocharis equisetoides (Ell.) Torr. Ann. Lyc. N. Y. iii, 296 (1836).

*FIMBRISTYLIS SPADICEA (L.) Vahl. [2969]

Scirpus spadiceus L.

Undoubtedly this is a native species.

*RHYNCHOSPORA dommucensis A. H. Moore spec. nov. perennis, ercta, herbacea, dense cæspitosa, colore alboviridis; caule terete, canaliculato, cavo; foliis 2-3.5 mm. latis, 1.8-3 dm. longis circum plantæ basim persistentibus: inflorescentia perianthi segmentis capillaribus non setaccis: fructus capitibus 5 mm.-2 cm. diametro, bracteis margine perminute ciliatis, squamis fertilibus ovatis, nervo prominente, apice mucronato, flavofuseis nondum leviter rufescentibus, squamis vacuis flavis, lanceolatis acuminatis: achaenia lenticularia, glabra levia nitida, flavofusea vel leviter rubescentia, minime colore e nigro rutilo, præter rostrum ca. 2 mm. longis, 1.6-1.8 mm. latis; rostro latitudine apud basim achaenio æquali, .2-.5 mm. longo, apice subobtuso. In subsalsa palude cui nomen dommucensis crescit.

R. glomerata (L.) Vahl specie nostræ siimillima ab eadem facile distinguitur achaenii .9-1.1 mm. longis, rostro .6-1 mm. longo, peracuminato.

R. capillacea Torr. caulis foliisque percapillaceis.

R. cymosa Ell. et R. alba (L.) Vahl achaenii percorrugatis.

R. fascicularis (Michx.) Vahl et R. distans (Michx.) Vahl achaenii colore e nigro rutilo, medio luteis.

Nomen a parochia dommucensi (Devonshire) inditum. De hac specie, ut videtur, v. cl. W. Botting Hemsley l. c. scripsit "Rhynehospora sp. n."

Specimen typicum sub numero 3004 in Herbario A. H. Moore depositum est.

Videsis tabulas I et II infra.

RHYNCHOSPORA STIPITATA Chapm. [3007]

SCIRPUS VALIDUS Vahl. The *S. lacustris* L. of H. L. [3006]

PALMÆ.

*SABAL ADANSONI Guerns. [3142]

Corypha minor Murr.

Sabal minus (Murr.) Pers.

ARACEÆ.

*ZANTEDESCHIA AETHIOPICA (L.) Spreng. L.—Spreng. Syst.

Veg. iii, 765 (1826). [2966]

Calla aethiopica L. Sp. Pl. 968 (1753).

Colocasia aethiopica (L.) Lk. Diss. Bot. Suerin, 77 (1795).

(For citation see Hook. f. and Jacks. Ind. Kew.)

Richardia africana Kunth in Mém. Mus. Par. iv, 433 (1818).

(For citation see Hook. f. and Jacks. l. c.)

Richardia aethiopica (L.) Spreng. L.—Spreng. l. c.

LEMNACEÆ.

LEMNA MINOR L. [3021]

COMMELINACEÆ.

COMMELINA NUDIFLORA L. [2880]

*ZEBRINA PENDULA Schnitzl. [2015, 2945]

PONTEDERIACEÆ.

*PIAROPUS CRASSIPES (Mart.) Raf. Nov. Tell. 81 (1836). [3000]

Pontederia crassipes Mart. Nov. Gen. et Sp. i, 9 (1824).

Eichornia speciosa Kunth Enum. Pl. iv, 131 (1843).

Eichornia crassipes (Mart.) Solms ex A. and C. DC. Mon.

Phan. iv, 527 (1883).

JUNCACEÆ.

JUNCUS ACUTUS L. [2892]

JUNCUS MARGINATUS Rostk. [3008]

LILIACEÆ.

**LILIMUM LONGIFLORUM* Thunb. [3138]*Lilium candidum* Thunb.*Lilium Harrisii* Carr.*Lilium eximium* Court. and*Lilium longiflorum* Thunb. var. *eximium* (Court.) Nichol.

(The cultivated kind known as Easter or Bermuda Lily.)

YUCCA ALOIFOLIA L. [3049]

YUCCA GLORIOSA L. [3139]

AMARYLLIDACEÆ.

AGAVE AMERICANA L. [3141]

HYMENOCALLIS CARIBÆA* (L.) Herb. [3147]*Pancratium caribæum* L.PANCRATIUM MARITIMUM* L. [2932]

IRIDACEÆ.

SISYRINCHIUM BERMUDIANUM L. [2919, 2988]

MARANTACEÆ.

**MARANTA ARUNDINACEA* L. [3135]

PIPERACEÆ.

PEPEROMIA MAGNOLIÆFOLIA (Jacq.) A. Dietr. [3107]

Piper magnoliæfolia Jacq.

MYRICACEÆ.

MYRICA CERIFERA L. This is the real *Myrica cerifera* L. as distinguished from *Myrica carolinensis* Mill. [2978, 3151]

ULMACEÆ.

CELTIS OCCIDENTALIS L. [3109]

Celtis pumila Pursh.*Celtis crassifolia* Lam.

TREMA LAMARCKIANA (R. and S.) Bl. Mus. Bot. Lugd.-Bat. ii, 59 (1852-1856). [3110]

Celtis Lamarckiana R. and S. Syst. Veg. vi, 311 (1820)

Sponia Lamarckiana (R. and S.) Decne. Nouv. Ann. Mus. Par. iii, 498 (1834) (H. L.).

URTICACEÆ.

BOEHMERIA CYLINDRICA (L.) Sw. Prod. Veg. Ind. Occ. 234 (1788) (Willd. according to H. L.). [2997]

Urtica cylindrica L. Sp. Pl. 1396 (1753).

PARIETARIA DEBILIS Forst. f. (Forst. according to H. L.). [3128]

PILEA MICROPHYLLA (L.) Liebm. [3056]

Parietaria microphylla L.

Urtica microphylla (L.) Sw.

Pilea muscosa Lindl.

URTICA URENS L. [2959]

POLYGONACEÆ.

COCCOLOBA UVIFERA L. (Jacq. according to H. L.). [3031, 3032, 3079]

Polygonum uviferum L.

RUMEX CRISPUS L. [2956]

CHENOPODIACEÆ.

CHENOPODIUM ALBUM L. [2914, 2935, 2950]

CHENOPODIUM AMBROSIOIDES L. var. ANTHELMINTICUM (L.) Gray. [2934, 2983]

Chenopodium anthelminticum L.

SAICORNIA FRUTICOSA L. The *Salicornia* *ambigua* *Michx.* of H. L. [2939]

AMARANTACEÆ.

AMARANTUS HYBRIDUS L. [2886]

Amarantus chlorostachys Willd.

*AMARANTUS RETROFLEXUS L. [2948]

BASELLACEÆ.

BOUSSINGAULTIA BASELLOIDES HBK. [2929]

NYCTAGINACEÆ.

BŒRHAVIA ERECTA L. [3106, 3134]

AIZOACEÆ.

SESUVIUM PORTULACASTRUM L. [2933]

PORTULACACEÆ.

PORTULACA OLERACEA L. [2872]

PAPAVERACEÆ.

ARGEMONE MEXICANA L. [2854, 2855]

FUMARIA MURALIS Sond. ex Koch Syn. Flor. Germ. et Helv. ii, 1017 (1844). [2920]

Fumaria Petteri Koch l. c. i, 435 (1843), not Reichenb. The
Fumaria capreolata L. of H. L.

PAPAVER SOMNIFERUM L. [2955]

CRUCIFERÆ.

*BRASSICA NIGRA (L.) Koch. [2927, 2957]

Sinapis nigra L.

CAKILE ÆQUALIS L'Her. (L. according to H. L.). [2897, 2904, 2905, 2911]

CORONOPUS DIDYMUS (L.) Sm. Fl. Brit. iii, 691 (1800). [2863]

Lepidium didymum L. Mant. 92 (1767).*Senebiera didyma* (L.) Pers. Syn. Pl. ii, 185 (1807).*Senebiera pinnatifida* DC. in Mém. Soc. Hist. Nat. Par. 144, t. 8 (1799) (H. L.).

LEPIDIUM VIRGINICUM L. [2852]

MATTHIOLA INCANA (L.) R. Br. [3046, 3077]

Cheiranthus incanus L.

RAPHANUS RAPHANISTRUM L. [3014]

*RAPHANUS SATIVUS L. [2884]

SISYMBRIUM OFFICINALE (L.) Scop. [2857]

Erysimum officinale L.

CRASSULACEÆ.

BRYOPHYLLUM PINNATUM (Lam.) Kurz in Journ. As. Soc. Beng. xl, 2, 52 (1871). (For citation see Hook. f. and Jacks. Ind. Kew.) [2908, 3036]

Cotyledon pinnatum Lam. Encycl. Meth. (Bot.) ii, 141 (1786).
Bryophyllum calycinum Salisb. Parad. Lond. t. 3 (1805) (H. L.).

LEGUMINOSÆ.

CANAVALI OBTUSIFOLIA DC. (Canavalia in H. L.). The genus was first published by Adanson as Canavali, a native East Indian name of feminine gender. [3081]

*INDIGOFERA ANIL L. [3125]

LEUCÆNA GLAUCA (L.) Benth. [2961, 2962, 3133]

Mimosa glauca L.

Acacia glauca (L.) Mœnch.

MELILOTUS OFFICINALIS (L.) Lam. [2890, 2910]

Trifolium M. officinalis L.

*TRIFOLIUM HYBRIDUM L. [2941]

*TRIFOLIUM PRATENSE L. [2940]

*TRIFOLIUM REPENS L. [3144]

VIGNA LUTEOLA (Jacq.) Benth. [3127]

Dolichos luteolus Jacq.

OXALIDACEÆ.

OXALIS CORNICULATA L. [2921, 024]

TROPÆOLACEÆ.

*TROPÆOLUM MAJUS L. [2989]

LINACEÆ.

LINUM USITATISSIMUM L. [2924]

RUTACEÆ.

CITRUS AURANTIUM L. [3091, 3092]
 CITRUS LIMONUM Riss. [3099]

SIMARUBACEÆ.

SURIANA MARITIMA L. [2982, 3048]

MELIACEÆ.

MELIA AZEDERACH L. [2930, 2931]

EUPHORBIACEÆ.

CROTON MARITIMUS Walt. [3080]

EUPHORBIA BUXIFOLIA Lam. [2902]

Chamäsyce buxifolia (Lam.) Small.

EUPHORBIA HETEROPHYLLA L. [3087, 027]

Poinsettia heterophylla (L.) Small.

*EUPHORBIA HETEROPHYLLA L. var. GRAMINIFOLIA Engelm. [3039]

EUPHORBIA MACULATA L. var. DETONSA Engelm. ex descr. in
 DC. Prod. This is doubtless the E. maculata L. of H. L.
 [2870, 3074, 3123]

EUPHORBIA NUTANS Lag. Gen. et Sp. 17 (1816). [2875, 2974]

Euphorbia Presliae Guss. Fl. Sic. Prod. i, 539 (1827). (For
 citation see Mem. Torr. Bot. Club v, Sig. 14, 214.) This
 is the Euphorbia hypericifolia L. of H. L.

EUPHORBIA PEPLUS L. [2869, 2922, 3167]

Tithymalus Peplus (L.) Hill.

EUPHORBIA PROSTRATA Ait. [2871]

Chamäsyce prostrata (Ait.) Small.

MERCURIALIS ANNUA L. [2858, 2972]

PHYLLANTHUS NIRURI L. [2973]

RICINUS COMMUNIS L. [3082, 3137]

ANACARDIACEÆ.

RHUS TOXICODENDRON L. [3037]

AQUIFOLIACEÆ.

ILEX VOMITORIA Ait. Hort. Kew. i, 170 (1789). [2895]

Ilex Cassine Walt. Fl. Car. 241 (1788), not L. This is the

Ilex Cassine L. of H. L.

CELASTRACEÆ.

***ELÆODENDRON Laneanum** A. H. Moore spec. nov., arbor 12–18 m. alta, plerumque ad 2–3 m. a terra copiose ramificans; foliis obovatis, conspicue mucronulatocrenatis, margine parum vel omnino non revoluto, apud basim attenuatis, brevipetiolatis, glabris non nitidis, 4.5–7 cm. longis, 2.5–3.5 cm. latis; inflorescentia ex corymbis densis umbelliformibus constante, floribus brevipedunculatis (pedunculis .1–1.4 cm. longis, pedicellis 3–5 mm. longis), nec dichotome nec trichotome ramificante; fructibus plerumque bini, brevipedunculatis, apice mucronulato sed raro vel nunquam attenuato; in regione walsinghamensi in parochia hamiltonensi in sicco crescens.

E. xylocarpum (*Vent.*) DC. (*Cassine xylocarpa* *Vent.*) a nostra specie longe differt foliis fere integris, vix vel nullo modo apud basim attenuatis; fructu obtuso.

E. attenuatum Rich. fructu longe attenuato; foliis nitidis, fere integris margine revolutis.

E. dioicum Griseb. foliis maioribus (8.5–12.5 cm. longis, 4.5–9.5 cm. latis) apud basim vix attenuatis.

Tres species illæ a nostra longe distant inflorescentia dichotome vel trichotome ramificante.

Specimen florens Elæodendri Laneani A. H. Moore in Herbario Grayano titulum fert “M. Lane no. 365. Bermuda”: nisi fallor v. cl. A. W. Lane existimavit hanc novam varietatem esse, nam in eodem titulo nomini Elæodendri xylocarpi (*Vent.*) DC. appellatio varietatis inedita subiuncta est. Cuius rei memoria novam speciem E. Laneanum nominavi. V. cl. W. Botting Hemsley l. c. scripsit “Elæodendron xylocarpum, DC. . . . Specimina bermudiana ab iis Indiae occidentalis differunt foliis angustioribus, deorsum attenuatis, dentibus distincte apiculatis instructis; floribus etiam paullo majoribus — fructus deest. . . . The Bermudan plant should perhaps rank as a distinct species, but the specimens are insufficient to settle this point.”

Specimen typicum in Herbario A. H. Moore sub numero
3111 depositum est.

Videsis tabulam III infra.

SAPINDACEÆ.

CARDIOSPERMUM HALICACABUM L. [3088, 3098]

Cardiospermum microcarpum HBK. (both H. L.).

DODONÆA VIScosa Jacq. The variety *angustifolia* L. f. re-
ported in H. L. does not seem to be clearly separable from the
foregoing. [2861]

TILIACEÆ.

TRIUMFETTA SEMITRILoba Jacq. [3097]

MALVACEÆ.

MALVA PARVIFLORA L. [3093]

SIDA CARPINIFOLIA L. [2883, 3095]

GUTTIFERÆ.

ASCYRUM HYPERICOIDES L. Sp. Pl. 788 (1753). [2996]

Ascyrum Crux-Andreae L. Sp. Pl. ed. II, 1107 (1763).

TAMARICACEÆ.

TAMARIX GALLICA L. [2903, 2995]

PASSIFLORACEÆ.

*PASSIFLORA MINIMA L. [3060]

Passiflora suberosa L.

CARICACEÆ.

*CARICA PAPAYA L. [3053, 3054]

CACTACEÆ.

***CEREUS COMPRESSUS** Mill. [3051]

Cereus triangularis Haw.

OPUNTIA TUNA Mill. [2893, 2928, 2990, 3022]

LYTHRACEÆ.

LUDWIGIA REPENS Sw. [3011]

PUNICACEÆ.

PUNICA GRANATUM L. [3066, 3086]

RHIZOPHORACEÆ.

RHIZOPHORA MANGLE L. [2938, 3154, 3155]

COMBRETACEÆ.

CONOCARPUS ERECTUS L. (Jacq. according to H. L.). [2864, 2900]

ONAGRACEÆ.

ŒNOTHERA ROSEA Soland. (Ait. according to H. L.). [2926]

ŒNOTHERA SINUATA L. var. **HIRSUTA** T. and G. [2954]

Œnothera mexicana Spach. This is the *Œnothera sinuata* L. of H. L.

HALORRHAGIDACEÆ.

***PROSERPINACA PALUSTRIS** L. [3012]

UMBELLIFERÆ.

AMMI MAJUS L. [2889, 2964]

APIUM GRAVEOLENS L. [2963, 3148]

CENTELLA ASIATICA (L.) Urb. in Mart. Fl. Bras. xi, 1,287 (1879).
[3002]

Hydrocotyle asiatica L. Sp. Pl. 234 (1753).

FœNICULUM VULGARE Mill. (Gærtn. according to H. L.). [2891]
Anethum Fœniculum L.

Fœniculum Fœniculum (L.) Karst.

TORILIS NODOSA (L.) Gærtn. Fruct. et Sem. i, 82 (1788). [2878]
Tordylium nodosum L. Sp. Pl. 240 (1753).

Caucalis nodosa (L.) Scop. Fl. Carn. ed. II, i, 192 (1772)
(H. L.).

PRIMULACEÆ.

ANAGALLIS ARVENSIS L. [2969, 3159]

OLEACEÆ.

JASMINUM CALOPHYLLUM Wall. ex DC. Prod. viii, 310 (1844);
Wall. Cat. no. 2889 (1828) (nom. nud.). [3059]

Jasminum courtallense Wight Ic. Pl. Ind. Or. t. 1252 (1840)
(no description).

JASMINUM SIMPLICIFOLIUM Forst. f. [3083]

Jasminum gracile Andr. (H. L.).

GENTIANACEÆ.

ERYTHRÆA PULCHELLA (Sw.) Fr. [2849, 023]

Gentiana pulchella Sw.

Gentiana ramosissima Vill.

Erythræa ramosissima (Vill.) Pers. (H. L.). This probably
also includes the *Erythræa texensis* Griseb. and *Erythræa*
Centaurium Pers. (H. L.).

APOCYNACEÆ.

NERIUM OLEANDER L. [2867, 2896, 2944, 3023, 3030]

ASCLEPIADACEÆ.

ASCLEPIAS CURASSAVICA L. [3177]

CONVOLVULACEÆ.

*EVOLVULUS ALSINOIDES (L.) Willd. [3034]

IPOMŒA JAMAICENSIS (Spreng.) G. Don. [3058]

Convolvulus jamaicensis Spreng.

IPOMŒA PES-CAPRÆ (L.) Sweet. [2898, 3077]

Convolvulus Pes-Caprae L.

IPOMŒA SAGITTATA Poir. (Cav. according to H. L.). [3171]

IPOMŒA SINUATA Ort. [3130]

Ipomœa dissecta Pursh, not *Convolvulus dissectus* Jacq.

HYDROPHYLLACEÆ.

NAMA JAMAICENSE L. [2859]

Conanthus jamaicensis (L.) Hell.

BORRAGINACEÆ.

HELIOTROPIUM CURASSAVICUM L. [2865]

TOURNEFORTIA GNAPHALODES (L.) R. Br. [2901]

Heliotropium gnaphalodes L.

VERBENACEÆ.

AVICENNIA NITIDA Jacq. [2937]

*CITHAREXYLUM QUADRANGULARE Jacq. [3085, 3131, 3132]

DURANTA REPENS L. Sp. Pl. 637 (1753). [2862]

Duranta erecta L. l. c.*Duranta Plumieri* Jacq. Select. Stirp. Am. 186, t. 176, f. 76 (1763) (H. L.).

LANTANA CAMARA L. [2894]

LANTANA INVOLUCRATA L. [2845]

***LANTANA POLYACANTHA** Schauer ex char. [3143]

LIPPIA NODIFLORA (L.) Michx. [2925]

Verbena nodiflora L.

STACHYTARPHETA JAMAICENSIS (L.) Vahl. [2866, 021]

Verbena jamaicensis L.

***VERBENA BONARIENSIS** L. [2946]

***VERBENA LITTORALIS** HBK. [2939a]

VERBENA URTICÆFOLIA L. [2874, 2947]

***VERBENA VENOSA** Gill. and Hook. [2984]

LABIATÆ.

CLINOPODIUM CALAMINTHA (L.) O. Ktze. Rev. Gen. Pl. 515 (1891). [2848, 2985]

Melissa Calamintha L. Sp. Pl. 593 (1753).

Calamintha officinalis Mœnch. Meth. 409 (1794) (H. L.).

***COLEUS SCUTELLARIOIDES** (L.) Benth. [3152]

Ocimum scutellarioides L.

***LEONOTIS NEPETÆFOLIA** (L.) R. Br. [3090]

Phlomis nepetaefolia L.

LEONURUS SIBIRICUS L. [2987]

***MENTHA CITRATA** Ehrh. [3170]

***MENTHA VIRIDIS** L. [2999]

SALVIA COCCINEA L. var. **PSEUDO-COCCINEA** (Jacq.) Gray. [3025, 3124]

Salvia pseudo-coccinea Jacq. This is in all probability the *Salvia coccinea* L. of H. L.

SALVIA SEROTINA L. [2986]

SOLANACEÆ.

DATURA STRAMONIUM L. [3053, 3067]

***LYCOPERSICUM ESCULENTUM** Mill. [3168]

Solanum Lycopersicum L.

Lycopersicum Lycopersicum (L.) Karst.

NICANDRA PHYSALOIDES (L.) Gærtn. [3084]

Atropa physaloides L.

Physalis peruviana Mill.

Physalodes peruvianum (Mill.) O. Ktze.

Physalodes Physalodes (L.) Britton. Probably the *Physalis peruviana* L. of H. L. is also to be included.

NICOTIANA GLAUCA Grah. [2943]

NICOTIANA TABACUM L. [3153]

***PHYSALIS ANGULATA** L. [2860, 3112]

***PHYSALIS BARBADENSIS** Jacq. These specimens are the so-called var. *obscura* (*Michx.*) *Rydb.* (*Physalis obscura* *Michx.*), which does not seem to be very distinct. [3042, 3043]

***SOLANUM TUBEROSUM** L. [2965]

SCROPHULARIACEÆ.

CAPRARIA BIFLORA L. [3094, 3096]

MONNIERA CALYCINA (Forsk.) O. Ktze. Rev. Gen. Pl. 463 (1891). [3013]

Limosella calycina Forsk. Fl. Æg. Arab. 112 (1775).

Herpestis Monniera HBK. Nov. Gen. et Sp. ii, 366 (1817) (H. L.).

Monniera Monnicra (L.) Britton. Mem. Torr. Bot. Club v, Sig. 19, 292 (August 28, 1894).

***RUSSELIA JUNCEA** Zucc. [3027]

VERBASCUM THAPSUS L. [3028]

ACANTHACEÆ.

***DIANTHERA SECUNDA** (Vahl) Griseb. [3033]

Justicia secunda Vahl.

PLANTAGINACEÆ.

PLANTAGO LANCEOLATA L. [2916]

PLANTAGO MAJOR L. [2917]

RUBIACEÆ.

COFFEA ARABICA L. [3100, 3101]

PSYCHOTRIA UNDATA Jacq. [3117, 3118]

RANDIA ACULEATA L. [3070]

RELBUNIUM HYPOCARPIUM (L.) Hemsl. [2637, 3069]

Valantia hypocarpa L.

Rubia hypocarpa (L.) DC.

SPERMACOCE TENUIOR L. [2949]

CAPRIFOLIACEÆ.

*SAMBUCUS CANADENSIS L. [3064]

CUCURBITACEÆ.

*CITRULLUS VULGARIS Schrad. [3029]

*CUCURBITA PEPO L. [3140]

GOODENIACEÆ.

SCÆVOLA PLUMIERII (L.) Vahl Symb. Bot. Pl. Am. ii, 36 (1790).
[3072]

Lobelia Plumierii L. Sp. Pl. 929 (1753).

Scævola Lobelia Murr. L.—Murr. Syst. Veg. 178 (1774)
(L. according to H. L.).

COMPOSITÆ.

AMBROSIA ARTEMISIÆFOLIA L. [2960]

*ANTHEMIS COTULA L. [3055]

BIDENS PILOSA L. [2887, 2992]

Bidens leucantha Willd.

BORRICHIA ARBORESCENS (L.) DC. [2851, 2907]

Buphthalmum arborescens L.

*CHRYSANTHEMUM LEUCANTHEMUM L. var. SUBPINNATIFIDUM Fern. The forms collected were somewhat intermediate between the type and the variety. [2994, 3044]

CICHORIUM INTYBUS L. [2881]

ECLIPTA ERECTA L. [3165]

ERIGERON CANADENSIS L. [2923]
ERIGERON DARELLIANUS Hemsl. [2876, 020]
ERIGERON LINIFOLIUS Willd. [2952]
ERIGERON PHILADELPHICUS L. [3075]
*HELIANTHUS ANNUUS L. [3071]
PARTHENIUM HYSTEROPHORUS L. [2885]
PLUCHEA CAMPHORATA (L.) DC. [3162, 3173]
 Erigeron camphoratum L.
 Conyza camphorata (L.) Ell.
POLYMNIA UVEDALIA L. [3061]
SENECIO VULGARIS L. [3149]
SOLIDAGO SEMPERVIRENS L. [2909, 3158, 025]
SONCHUS OLERACEUS L. [2882, 2918]
TARAXACUM OFFICINALE Web. [3062, 3160]
 Leontodon Taraxacum L.
 Taraxacum Dens-Leonis Desf.
 Taraxacum Taraxacum (L.) Karst.

SPECIES ENDEMIC IN BERMUDA.

POLYPODIACEÆ.

ADIANTUM BELLUM Moore. [3119]*ASPLENIUM LAFFANIANUM* Bak.*NEPHRODIUM BERMUDIANUM* Bak.

PINACEÆ.

JUNIPERUS BERMUDIANA L. [2846, 3068]

CYPERACEÆ.

CAREX BERMUDIANA Hemsl.**RHYNCHOSPORA DOMMUCENSIS* A. H. Moore. [3004]

PALMÆ.

SABAL BLACKBURNIANA Glazeb.

IRIDACEÆ.

SISYRINCHIUM BERMUDIANUM L. [2919, 2988]

CELASTRACEÆ.

**ELÆODENDRON LANEANUM* A. H. Moore. [3111]

PLUMBAGINACEÆ.

STATICE LEFROYI Hemsl.

COMPOSITÆ.

ERIGERON DARELLIANUS Hemsl. [2876, 020]

PLATE I.



RHYNCHOSPORA DOMMUCENSIS A. H. Moore. Habit.

PLATE II.

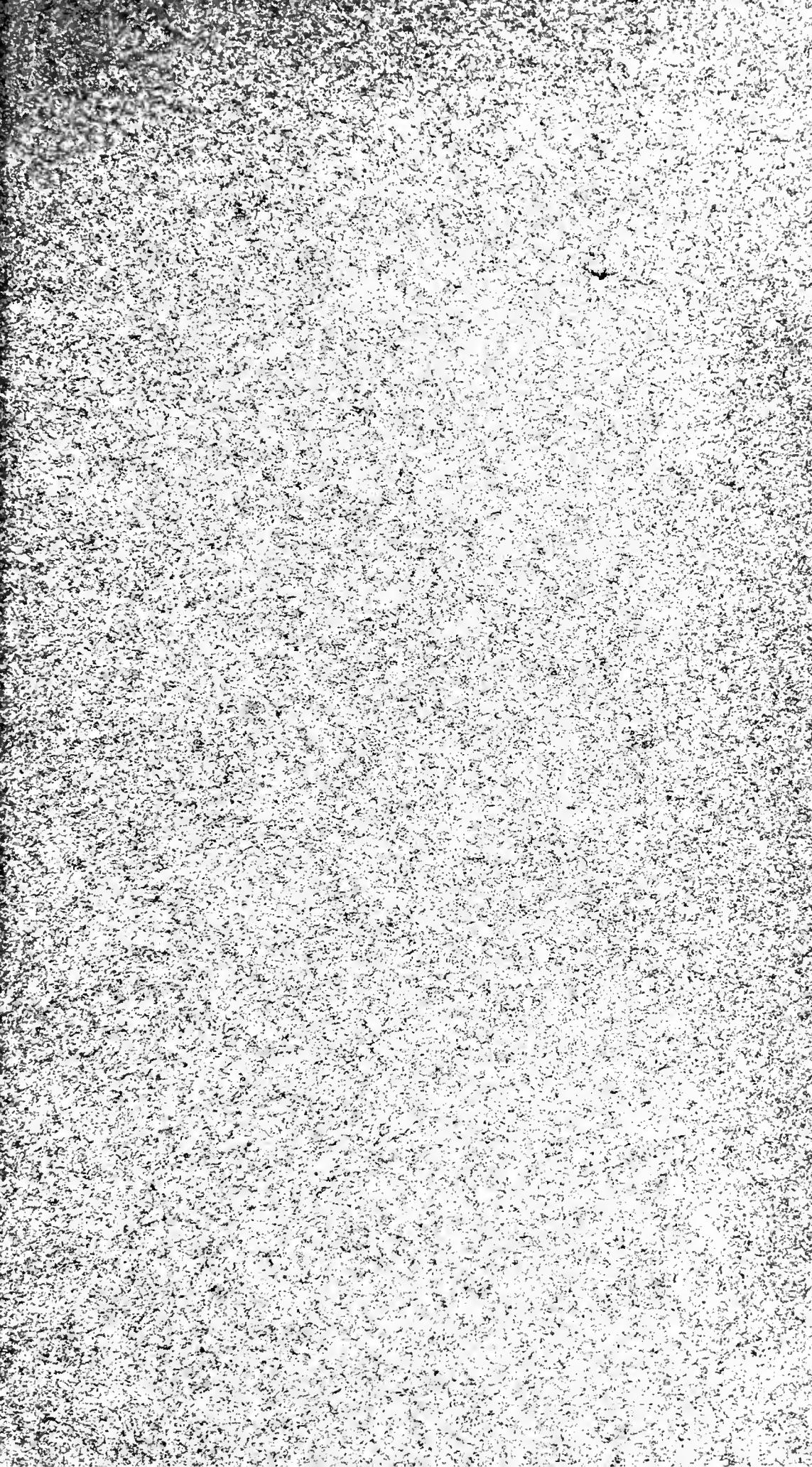


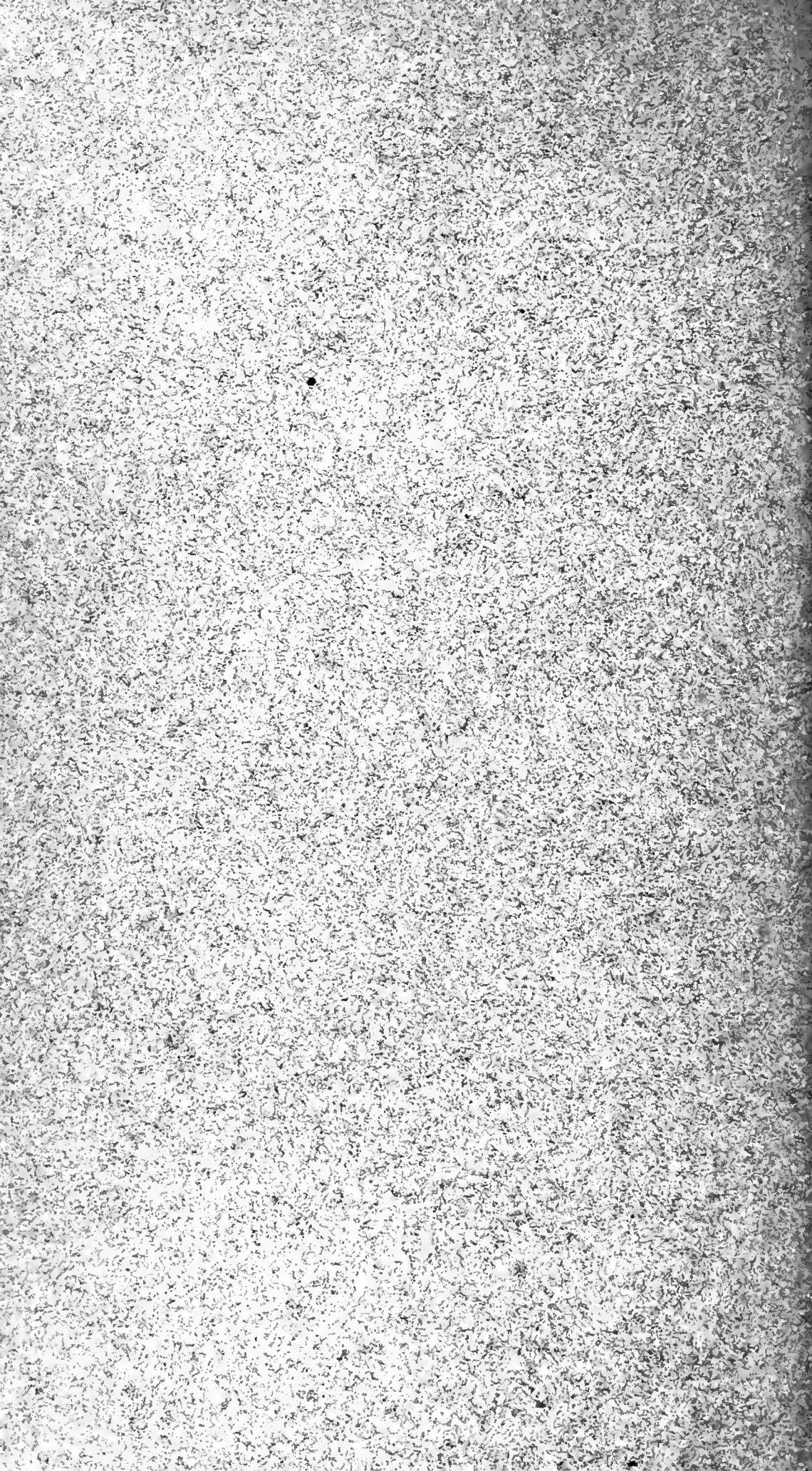
RHYNCHOSPORA DOMMUCENSIS A. H. Moore. Head and
achenes, magnified 3 diameters.

PLATE III.



ELEODENDRON LANEANUM A. H. Moore.





MAR 19 '78

